

APPENDIX E. TAMA Regional Recharge Plan Water Needs Survey Questions

I. IDENTIFICATION OF SURVEY RESPONDENTS

Name of entity/interest represented by survey respondent(s)

Name

Address

Phone

FAX

Point of contact [*for additional questions/clarification*]

Name(s) of actual respondent(s)

II. PROBLEM/GOAL IDENTIFICATION

A. What are your entity's most urgent water supply problems? *Describe and rate specific problems from very important to unimportant.*

B. What (other) reasons does your entity have for developing recharge or other projects for increasing renewable water supplies in the Tucson area?

C. What are your concerns, if any, about any risks that may be associated with recharge projects?

III. CURRENT AND PROJECTED OPERATING CONDITIONS

A. Needs (If you have already given any of this information to DWR, **do not** collect it again)

1. Type of water use(s) [*who uses water for what*]

2. Amount of water used annually for each use, *current and projected*

3. Quality requirements for each use [*beyond current DEQ/EPA requirements, if any*]

4. Institutional requirements or restrictions on use [*e.g., statute, regulation, contract, policy, ordinance*]

5. Other use considerations [*e.g., seasonality, peaking, preferred quality*]

B. Water sources (If you have already given any of this information to DWR, **do not** collect it again.)

1. Current and future water source(s) [*e.g., CAP allocation, ground water*]
2. Amounts from each source [*current and projected*]
3. Limits on quantity: *physical, institutional, or other factors (e.g., financial, infrastructure) that limit the quantity of water from each source*
4. Quality: *water quality factors that affect usefulness of water source for specific uses*
5. Do you match water source to use [*currently or intend to in the future*]? [*e.g., effluent to turf irrigation*] *yes/no, explain*
6. Without recharge, do you anticipate a shortfall in supply [*actual or regulatory (e.g., AWS)*] to meet projected demand? *Describe: when, how, and how much*

IV. OPTION IDENTIFICATION

A. Describe the ideal project to meet your needs.

1. What factors/components make it ideal? [*e.g. recharge close to existing recovery wells, puts CAP allocation to use almost immediately, revitalizes riparian corridor, lowest cost alternative*]
2. Rate these factors/components *from very important to unimportant*.
3. What factors have you identified that would disqualify a project from consideration by your organization?

B. Facilities/arrangements for recharge or “in lieu” projects

A list of potential projects identified by the Regional Recharge Committee and a **map** showing their locations are attached. Use them to indicate the type and location of projects you are currently pursuing and/or that are likely to meet your needs. If you are interested in projects not listed, please describe them and indicate locations on the map.

1. Type(s) of project/arrangement [*e.g., GRD, water swaps, groundwater savings, treatment, recharge, recovery, other*]
2. Project(s) status [*e.g., existing, planned, studied, contemplated*]

3. Project(s) time line:
 - a. How soon would the project begin recharging water?
 - b. When would water be recovered?
 - c. How long would water be stored at project location?
4. Cooperators: *What other entities are involved in the project(s)?*
5. Project(s) location [*refer to map*]:
 - a. Where will water be recharged?
 - b. Where will water be recovered?
 - c. If recharge, recovery, conveyance, or other facilities associated with a project must be built, indicate where.
6. Project(s) objectives: *x=yes*

	PROJECT NAME			
PROJECT OBJECTIVE				
Recovery for potable use				
Recovery for non-potable use				
Annual storage/recovery				
Long-term storage, recovery at same location				
Long-term storage, recovery at distant location				
Recharge/no recovery				
CAWCD reliability storage				
Assured Water Supply recharge				
Riparian enhancement				
Subsidence control				
Contain/manage poor quality ground water				
State water bank				
SAWRSA claims settlement				

7. If no listed projects are likely to meet your needs, explain why.

- C.** Project water source(s) *for each project that has not reached permit stage*
1. What source(s) of water do you expect to use [*e.g., CAP, effluent, surface/storm water, remediated ground water, industrial waste water, imported ground water*]
 2. Allocation status/ownership [*e.g., who holds CAP allocation, does contract exist, relationship with allocation holder, does agreement exist*]
 3. Amount, *annual* [*initial, final*]
 4. Restrictions on availability of water [*current or future , e.g., timing, seasonality, claims of others, increases or decreases*]
 5. Proximity of point of use/recharge to canal or other conveyance system [*ownership of system, limits to use, rights of way*]
 6. Volume of water credits expected [*in terms of water available for recovery or groundwater savings, if applicable*]
- D.** Financial considerations
1. Source(s) of funds for water projects [*e.g., Bonding capacity (current and planned), Outside funding (obtained and/or sought)*]
 2. Constraints on amount
 3. Constraints on use
 4. Years or time period
- E.** Partnership potential
1. Identified partnership entities
 2. Types of partnerships [*e.g., capacity sharing, cost sharing*]
 3. Status [*e.g., talks in progress (are these public information?), agreements made (are copies available?)*]
 4. Do you see any other opportunities for partnerships?
 5. What benefits to your organization from current and potential recharge partnerships have you identified? *Describe*

F. Barriers to cooperation

1. Identified barriers: *What, if anything, is preventing you from forming recharge partnerships?*
2. Proposed remedies: *What would it take to overcome these barriers?*
3. Actions for cooperation: *Can you identify specific actions you or your organization can take to improve relations among interested parties or overcome obstacles to cooperation?*

V. ADDITIONAL INFORMATION

- A.** Other entities/interest groups who should be interviewed [*suggested contacts*]
- B.** Comments and suggestions